Docket No.  
S-96,894

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**REAL-TIME COMBUSTION CONTROLS AND DIAGNOSTICS SENSORS (CCADS)**

the specification of which

(check one)

is attached hereto.

was filed on \_\_\_\_\_ as United States Application No. or PCT International

Application Number \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

### Prior Foreign Application(s)

### Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

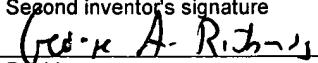
Paul A. Gottlieb 26,733  
 Virginia B. Caress 34062  
 John T. Lucas 36,860  
 Julia C. Moody 48,931  
 Richard A. Morgan 30,575  
 Robert J. Marchick 27,057  
 Michael P. Hoffman 30,183

Robert J. Fisher 26,163  
 Thomas G. Anderson 27,767  
 Mark P. Dvorscak 33,492  
 Daniel D. Park 37,413  
 Joy Alwan 40,486  
 Mark F. LaMarre 34,856  
 Bradley W. Smith 344,36

Send Correspondence to: Paul A. Gottlieb  
 United States Department of Energy  
 GC-62 (FORSTL) MS-6F-067  
 1000 Independence Ave., S.W., Washington, D.C. 20585

Direct Telephone Calls to: (name and telephone number)  
 Mark F. LaMarre 630-252-2177

Full name of sole or first inventor <b>Jimmy D. Thornton</b>	Date <i>1 Nov 01</i>
Sole or first inventor's signature 	
Residence <b>Morgantown, WV</b>	
Citizenship <b>USA</b>	
Post Office Address <b>12 Bubbys Lane</b>	
<b>Morgantown, WV 26508</b>	

Full name of second inventor, if any <b>George A. Richards</b>	Date <i>6 Nov 01</i>
Second inventor's signature 	
Residence <b>Morgantown, WV</b>	
Citizenship <b>USA</b>	
Post Office Address <b>2093 Oak Street</b>	
<b>Morgantown, WV 26505</b>	

Full name of third inventor, if any <b>Keith A. Dodrill</b>	
Third inventor's signature <i>Keith Dodrill</i>	Date <b>10/30/01</b>
Residence <b>Fairmont, WV</b>	
Citizenship <b>USA</b>	
Post Office Address <b>1202 Pleasant Valley Road</b>	
<b>Fairmont, WV 26554</b>	

Full name of fourth inventor, if any <b>Roy S. Nutter, Jr.</b>	
Fourth inventor's signature <i>Roy S. Nutter</i>	Date <b>11/6/01</b>
Residence <b>Morgantown, WV</b>	
Citizenship <b>USA</b>	
Post Office Address <b>324 Elmhurst Street</b>	
<b>Morgantown, WV 26505</b>	

Full name of fifth inventor, if any <b>Douglas Straub</b>	
Fifth inventor's signature <i>Douglas Straub</i>	Date <b>1/11/02</b>
Residence <b>Morgantown, WV</b>	
Citizenship <b>USA</b>	
Post Office Address <b>805 Cottonwood Street</b>	
<b>Morgantown, WV 26505</b>	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	